

FAST ESCROW DELIVERY

ABSTRACT OF THE DISCLOSURE

A system, method and computer readable medium for securely transmitting an
5 information package (10) to an addressee (190) via a network (108), wherein an
addressee (190) is not required to have a private-public key pair before the package (10)
is sent. A sending system (102) encrypts the package (10) with a package encryption
key (600) and then encrypts a package decryption key (601) with an escrow encryption
key (380) obtained from an escrow key manager (116). The encrypted package (10) and
10 encrypted package decryption key (601) are held in escrow by a server system (104),
until the addressee (190) is issued a new public and private key pair (390, 391). The
server system (104) decrypts the package decryption key (601), re-encrypts it with the
addressee's new public key (390), and forwards the encrypted package (10) and re-
encrypted package decryption key (601) to the addressee's receiving system (106). The
15 receiving system (106) receives the delivery and decrypts the information package (10).